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## AUTOMOBILE AND TRACTOR INDUSTRY STEPS UP PRODUCTION

AUTO PLANT ACCELERATES PRODUCTION -- Kommunist, No 229, 28 Sep 49

During the past 8 months, the "AvtoDETal'" Plant has increased its production index 68 percent in comparison with the same period in 1948. Commodity production went up 55 percent, output of tractor spare parts 75 percent, and labor productivity 60 percent. During the same period, working capital turnover was accelerated 14 days and 655,000 rubles were released. The plan figure for the entire year is 818,000 rubles.

ZIS SECTIONS OPERATING WELL -- Moskovskiy Komsomolets, No 121, 4 Oct 49

The Automobile Plant imeni Stalin, Moscow, has reached 1950 levels in a number of sections. New forging, casting, and pressing equipment has been made and put into operation, and over 300 machine tools have been switched to high-speed operating schedules.

The production cycle has been shortened, and income has risen above planned figures. One foundry netted savings amounting to 1,831,000 rubles in the past 8 months.

Moskovskiy Bol'shevik, No 251, 30 Sep 49

Productivity of labor in the Automobile Plant named Stalin is 35 percent greater than in the prewar period, and recent efforts have saved about 17 million rubles, great amounts of fuel, electricity, and materials.

For example, foundry No 3 has saved 236,000 rubles by changing the method of casting flywheels. One brigade now turns out 600 corner irons for cylinder blocks daily. The shop's piston ring division fulfilled the year production plan 105 percent. The press shop saves 285 tons of sheet metal per year and has eliminated three fourths of the labor-consuming work on ZIS-150 trucks.

The plant has adapted 300 lathes to high-speed methods.

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NEW MOTORCYCLE MORE DURABLE, CHEAPER TO RUN -- Vechernyaya Moskva, No 237,  
5 Oct 49

The 1950 Moskva motorcycle, made in the Moscow Motorcycle Plant, is more economical than previous models, running 100 kilometers on 2.45 liters of gas. The parts in the gear box are more durable than on the old model. The rear fork is equipped with oil shock absorbers, permitting higher speeds on rough roads. The handle bars are mounted firmly on two supports. The greater power of the engine permits the optional addition of a second seat.

INNOVATIONS AT CARBURETOR PLANT -- Vechernyaya Moskva, No 229, 26 Sep 49

A high-powered machine for pressure casting has been tested at the Carburetor Plant; the shell and cover of the carburetor are removed from the casting machine and go directly into assembly, without further machining.

At the heat-treatment section of the plant, automatic instruments help maintain a specified temperature in the furnaces. A new furnace for gas case-hardening of parts has cut heat-treatment time to one fourth that previously required.

The Carburetor Plant is an affiliate of the Automobile Plant imeni Stalin.

GETS NEW MACHINE TOOLS, POWER PLANT -- Sovetskaya Moldaviya, No 188, 18 Sep 49

The old Bel'tay Machine-Tractor Shop has been completely rebuilt and is now a large motor-repair plant. The shops now have modern machine tools and other equipment. On 12 October a new 100-kilowatt electric power station will go into operation. The plant has built the station entirely on its own resources.

NEW CARS APPEAR IN SHOWROOMS -- Pravda, No 271, 28 Sep 49

The Gor'kiy Automobile Plant imeni Molotov had a great number of Pobeda cars on sale in a recently opened local retail establishment. Pobedas are for sale in 16 other cities, including Prokop'yevka, Karaganda, and Stalino.

TRACTOR PLANT INCREASES OUTPUT -- V Pomoshch' FZMK, No 19, Oct 49

The Vladimir Tractor Plant (director, Klimenkov) manufactured 47 percent more tractors during the first half of 1949 than during the same period last year.

NEW GEAR BOX FOR TRACTORS -- Trud, No 216, 13 Sep 49

The Chelyabinsk Tractor Plant made a successful test in January 1949 of a new type of transmission gear box for tractors, which will be put into series production. The installation of the new gear box will reduce labor consumption by 10 hours per tractor, metal expenditure by 10 kilograms, and cost per machine by 300-350 rubles.

The plan for the new type gear box had been proposed to the Ministry of Transport-Machine Building for approval as far back as May 1946. It was approved; however, the plant management was remiss in getting things started.

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CALL FOR SPECTRAL ANALYSIS IN TRACTOR PLANTS -- Sovetskaya Moldaviya, No 189,  
20 Sep 49

During the first days of the autumn harvest at the Chimishliyskaya, Kaynarskaya, and Romanovskaya MTS, part of the tractors were put out of commission as result of burned-out bearings, worn piston rings, and broken gears.

Republic distribution bases, including the "Selkhozsnab" (Agricultural Supply), have been sending the stations metal which does not bear a grade mark. Spectral analysis is not carried out in a single metal-working enterprise in Moldavia.

Facilities for spectral analysis must therefore be set up as soon as possible in such centers as Kishinev, Tiraspol', Bendery, and Bel'tsy.

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